

NAFP NAEP 2009 Mathematics Arizona

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Grade 4 students showed an increase since 2000

- The average score for students (230) in Arizona in 2009 was significantly higher from their average score (219) in 2000.
- The percentage of students in Arizona who performed at or above the NAEP *Proficient* level was 28% in 2009. This percentage was greater than in 2000 (16%).
- The percentage of students in Arizona who performed at or above the NAEP Basic level was 71% in 2009. This percentage was greater than in 2000 (57%).
- AZ ELL Grade 4 students scored (201) significantly higher than their peers in 2000 (195).



Grade 8 students showed an increase since 2003

- The average score for Grade 8 students (277) in Arizona in 2009 was higher than their average score (271) in 2003.
- The percentage of students in Arizona who performed at or above the NAEP *Proficient* level was 29% in 2009. This percentage was greater than in 2003 (21%).
- The percentage of students in Arizona who performed at or above the NAEP Basic level was 67% in 2009. This percentage was greater than in 2003 (61%).
- The Grade 8 students at the 25th, 50th, and 75th percentiles scored significantly higher than their peers in 2003.

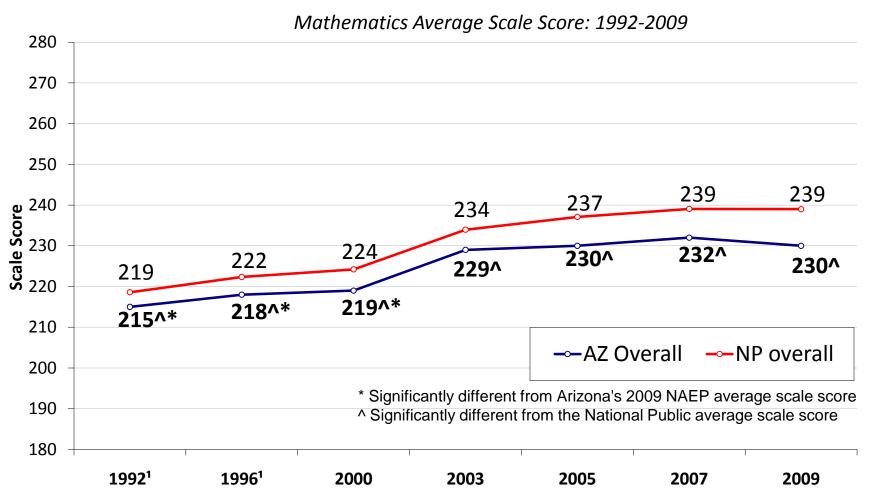


Grade 4

NAEP Mathematics, 2009 - Arizona



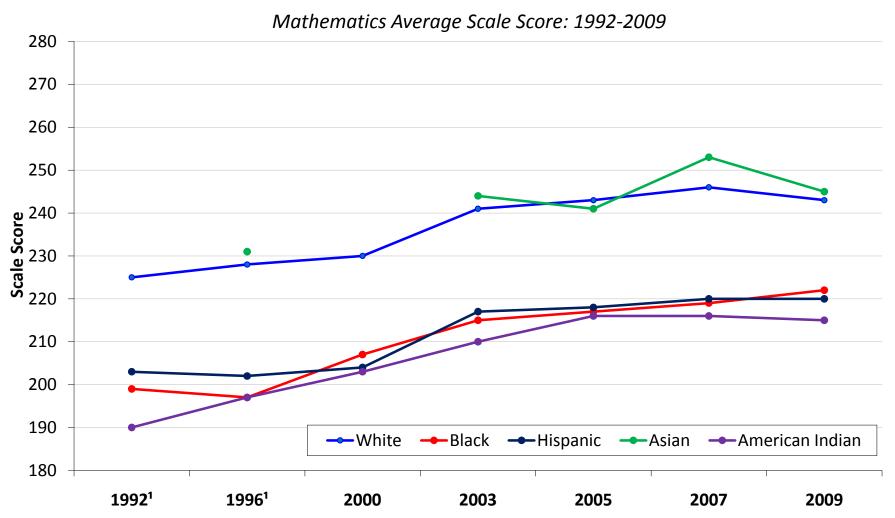
Grade 4 – Overall



 $^{^{\}rm 1}$ Accommodations not permitted.



Arizona Grade 4 – Race/Ethnicity



¹Accommodations not permitted.

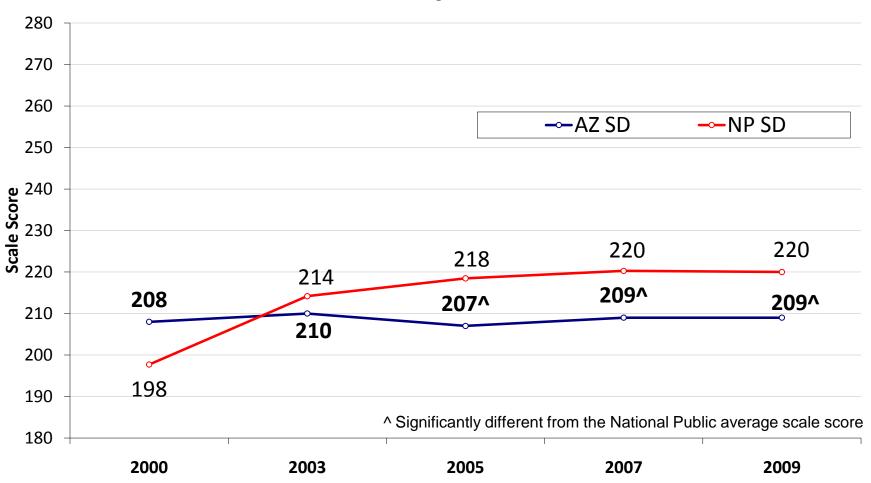
NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress



Grade 4 – Students with Disabilities

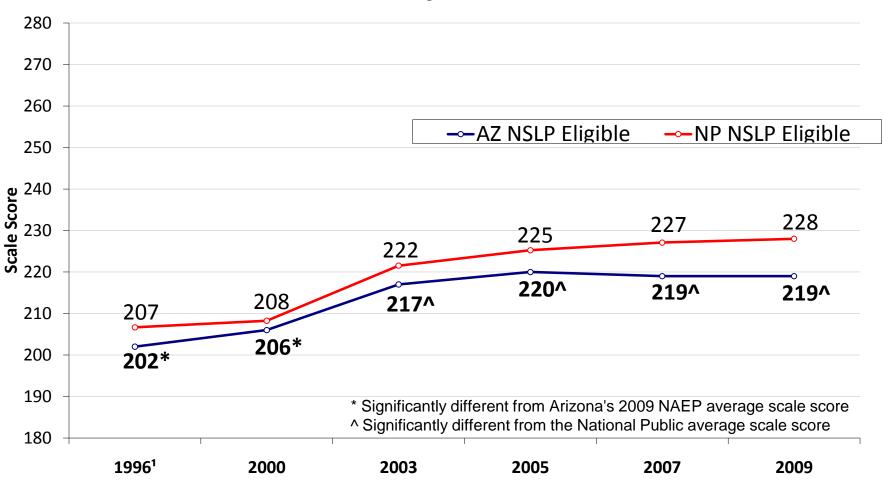
Mathematics Average Scale Score: 2000-2009





Grade 4 – National School Lunch Program

Mathematics Average Scale Score: 1996-2009

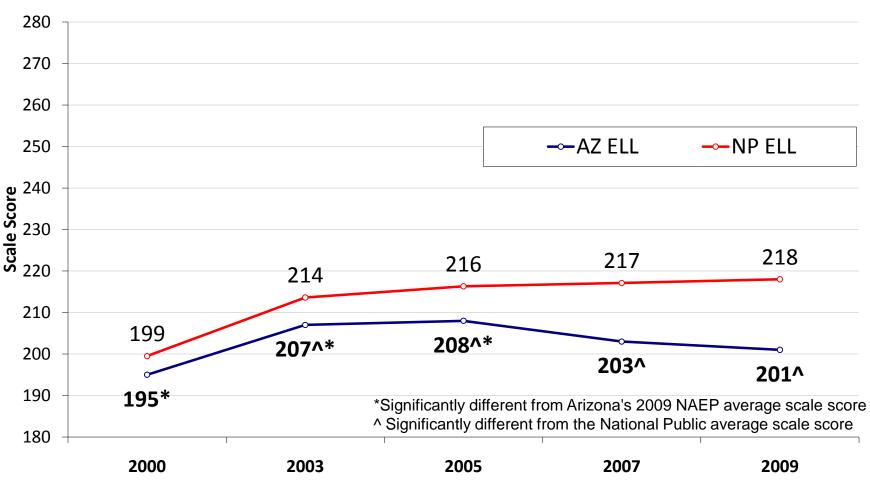


¹ Accommodations not permitted.



Grade 4 – English Language Learners

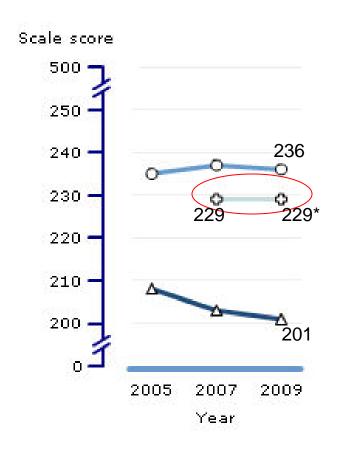


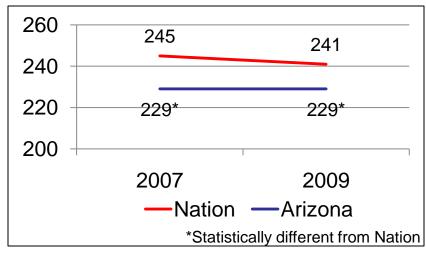




Arizona Grade 4 – Formerly ELL

Formerly ELL Students – students that exited the ELL program within the last two years





Arizona Grade 4	%
ELL	15
Non-ELL	76
Formerly ELL	9



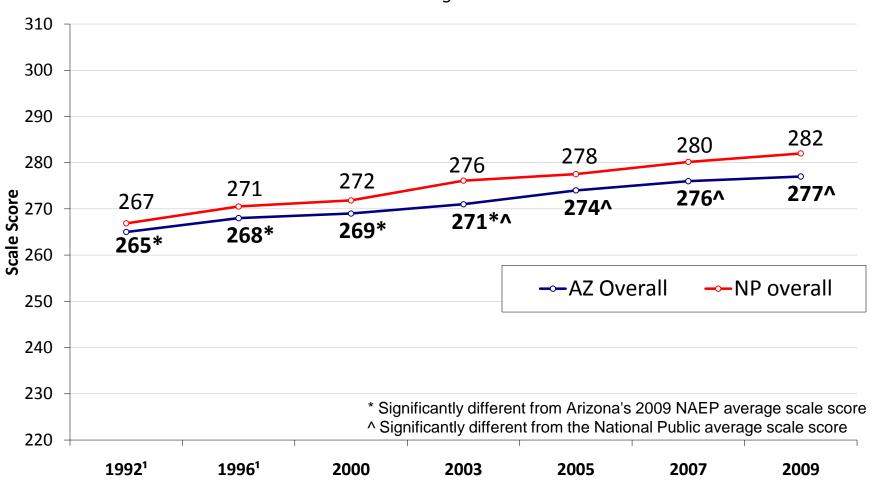
Grade 8

NAEP Mathematics, 2009 - Arizona



Grade 8 - Overall

Mathematics Average Scale Score: 1992-2009

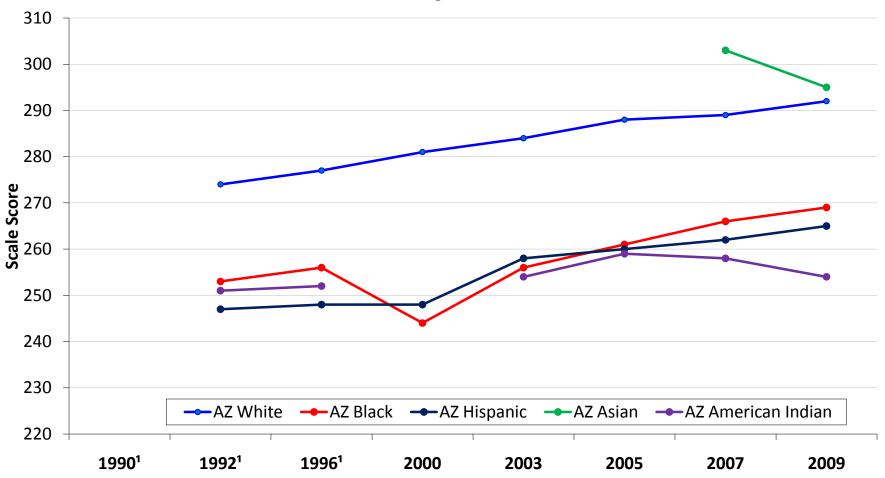


 $^{^{\}rm 1}\!$ Accommodations not permitted.



Arizona Grade 8 – Race/Ethnicity



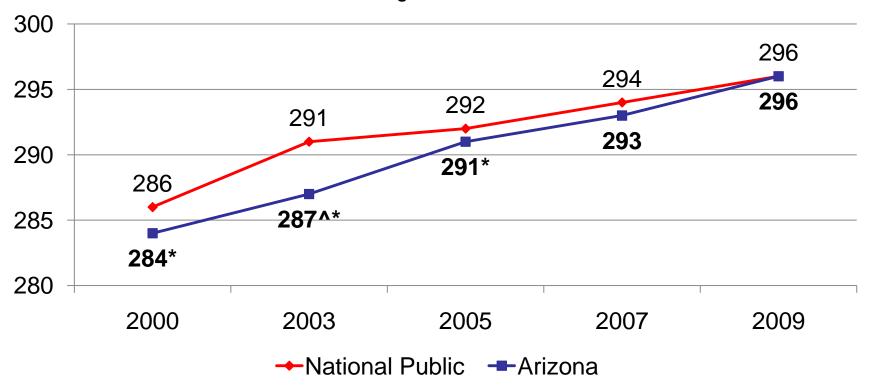


¹ Accommodations not permitted.



Grade 8 – White (without accommodations)





^{*} Significantly different from Arizona's 2009 NAEP average scale score

[^] Significantly different from the National Public average scale score



Grade 8 – White (without accommodations)



Focal state/jurisdiction

Has a higher average scale score than focal state/jurisdiction

Is not significantly different from the focal state/jurisdiction

Has a lower average scale score than the focal state/jurisdiction

Sample size is insufficient to perform a reliable estimate

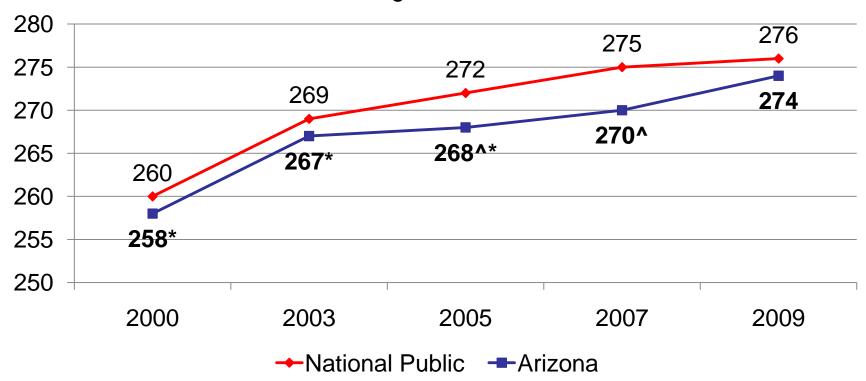
Was not selected for comparison

NOTE: DoDEA – Department of Defense Education Activity schools (domestic and overseas). Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009 Mathematics Assessments.



Grade 8 – Hispanic (w/o accommodations)

Mathematics Average Scale Score: 1990-2009



^{*} Significantly different from Arizona's 2009 NAEP average scale score

[^] Significantly different from the National Public average scale score



Grade 8 – Hispanic (w/o accommodations)



Focal state/jurisdiction

Has a higher average scale score than focal state/jurisdiction

Is not significantly different from the focal state/jurisdiction

Has a lower average scale score than the focal state/jurisdiction

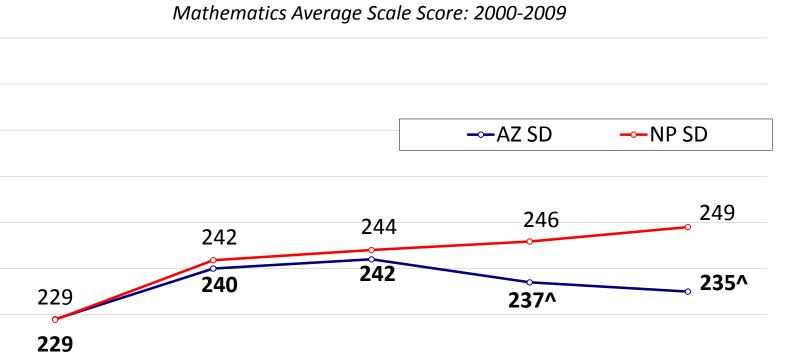
Sample size is insufficient to perform a reliable estimate

Was not selected for comparison

NOTE: DoDEA – Department of Defense Education Activity schools (domestic and overseas). Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009 Mathematics Assessments.



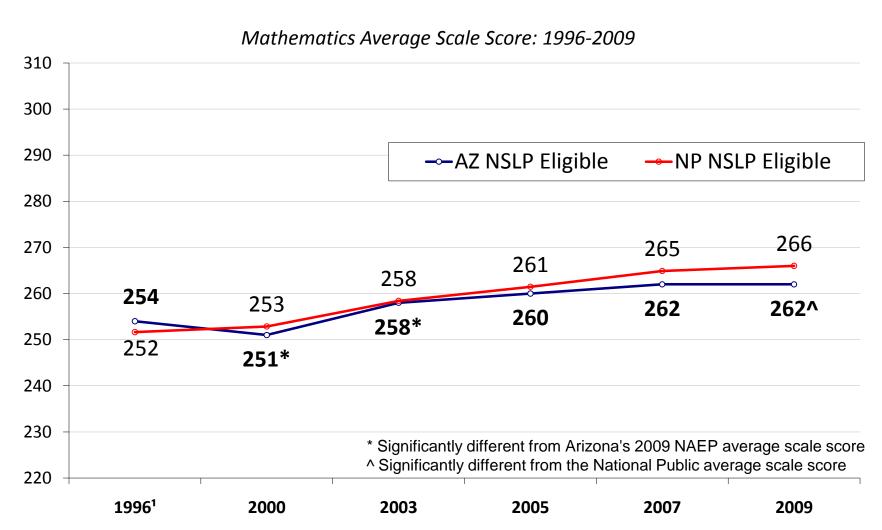
Grade 8 –Students with Disabilities



^ Significantly different from the National Public average scale score No significant difference across years within Arizona scale scores



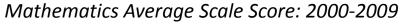
Grade 8 – National School Lunch Program

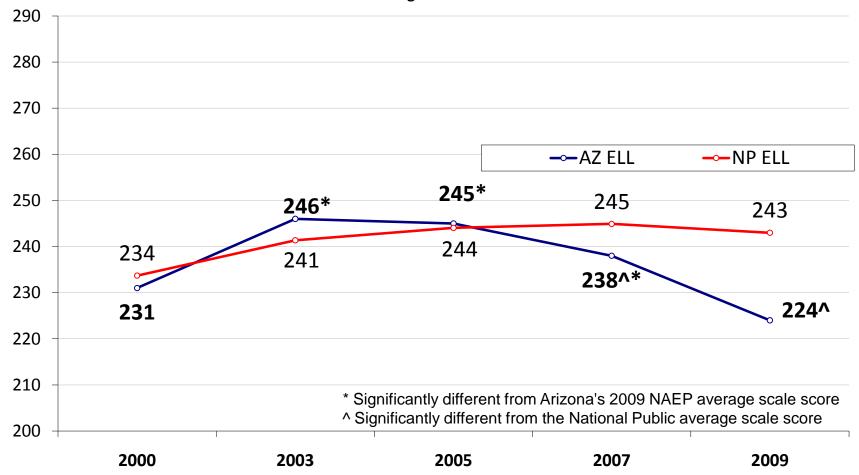


 $^{^{1}\}mbox{Accommodations}$ not permitted.



Grade 8 – English Language Learners



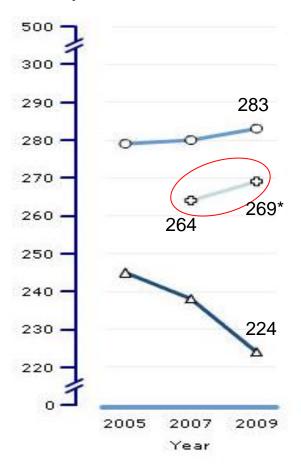


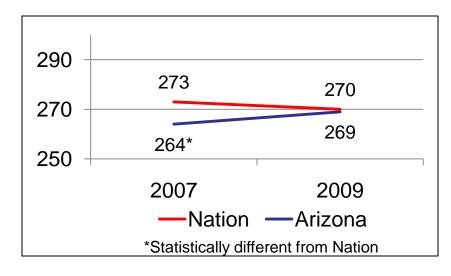


Grade 8 – Formerly ELL

Formerly ELL Students – students that exited the ELL program within

the last two years



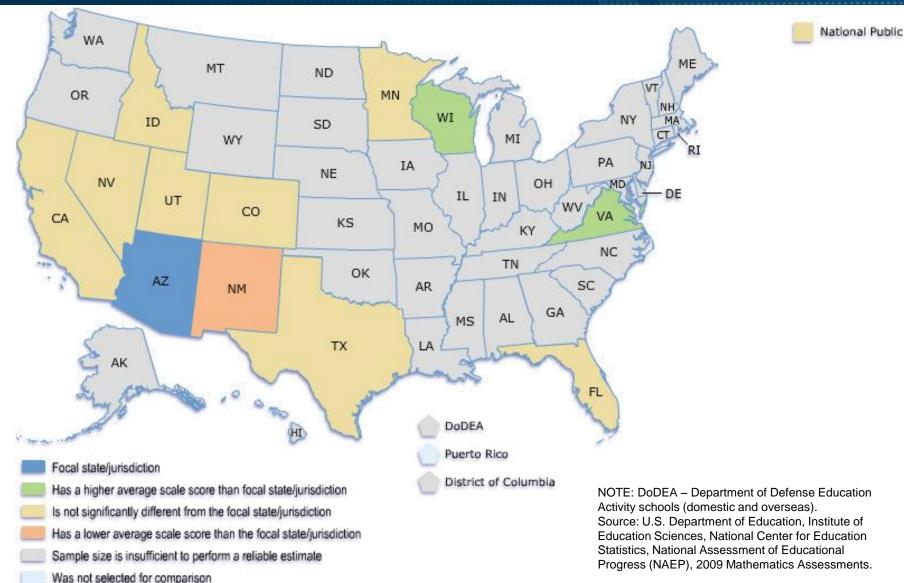


Arizona Grade 8	%
ELL	6
Non-ELL	81
Formerly ELL	13

21



Grade 8 – Formerly ELL





National Indian Education Study, 2009 – Released in Summer 2010



